

Mapping Symbolology for the *Clean Water Act*

Version 3.0

November 2008

*Source Water Protection
Mapping Symbolology and Standards*



PIBS 7564e01

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BOUNDARIES - (Base Data)

Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Source Water Protection Watershed Regions		<i>Example only - User defined</i>	<div>CMYK 15, 65, 0, 35</div> <div>RGB 149, 83, 126</div>	2
Source Water Protection Watershed Areas		<i>Example only - User defined</i>	<div>CMYK 15, 65, 0, 35</div> <div>RGB 149, 83, 126</div>	3
Municipal, Upper Tier			<div>CMYK 0, 0, 0, 50</div> <div>RGB 127,127,127</div>	10
Municipal, Lower Tier			<div>CMYK 0, 0, 0, 50</div> <div>RGB 127,127,127</div>	11
Municipal Single Tier			<div>CMYK 0, 0, 0, 40</div> <div>RGB 167, 169, 172</div>	
Settlements			<div>CMYK 0, 0, 0, 40</div> <div>RGB 167, 169, 172</div>	





















Source Protection Planning Regions

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Halton - Hamilton			<div>CMYK 60, 24, 61, 0</div> <div>RGB 103, 193, 100</div>	
Lake Erie			<div>CMYK 22, 16, 38, 0</div> <div>RGB 199, 215, 158</div>	
Lakehead			<div>CMYK 17, 0, 25, 0</div> <div>RGB 211, 255, 190</div>	
Mattagami			<div>CMYK 55, 54, 77, 0</div> <div>RGB 114, 117, 59</div>	
Mississippi - Rideau			<div>CMYK 9, 0, 13, 0</div> <div>RGB 232, 255, 222</div>	
Niagara Peninsula			<div>CMYK 62, 54, 77, 0</div> <div>RGB 98, 117, 59</div>	
North Bay - Mattawa			<div>CMYK 60, 24, 61, 0</div> <div>RGB 103, 193, 100</div>	
Quinte			<div>CMYK 53, 43, 71, 0</div> <div>RGB 121, 145, 73</div>	
Raisin Region South Nation			<div>CMYK 29, 16, 38, 0</div> <div>RGB 180, 215, 158</div>	
Sault Ste Marie			<div>CMYK 53, 42, 71, 0</div> <div>RGB 121, 145, 73</div>	
South Georgian Bay Lake Simcoe			<div>CMYK 51, 44, 60, 0</div> <div>RGB 124, 143, 103</div>	
Sudbury			<div>CMYK 9, 0, 25, 0</div> <div>RGB 233, 255, 190</div>	
Saugeen Grey Sauble Northern Bruce Peninsula			<div>CMYK 13, 1, 21, 0</div> <div>RGB 221, 252, 202</div>	
Thames, Sydenham and Region			<div>CMYK 46, 20, 60, 0</div> <div>RGB 137, 205, 102</div>	
Trent Conservation Coalition			<div>CMYK 29, 16, 38, 0</div> <div>RGB 180, 215, 158</div>	
Ausable - Bayfield Maitland Valley			<div>CMYK 62, 54, 77, 0</div> <div>RGB 98, 117, 59</div>	
Cataraqui			<div>CMYK 20, 8, 44, 0</div> <div>RGB 204, 235, 143</div>	
CTC			<div>CMYK 13, 0, 39, 0</div> <div>RGB 222, 255, 156</div>	
Essex			<div>CMYK 9, 0, 25, 0</div> <div>RGB 233, 255, 190</div>	
Undecided / No Official Name			<div>CMYK 0, 0, 0, 30</div> <div>RGB 178, 178, 178</div>	
Other - See Comments			<div>CMYK 9, 0, 25, 0</div> <div>RGB 233, 255, 190</div> <div>CMYK 0, 0, 0, 57</div> <div>RGB 110, 110, 110</div>	











Source Protection Planning Areas

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
Ausable Bayfield			CMYK	36, 10, 35, 0	
			RGB	167, 199, 175	
Cataraqui			CMYK	12, 6, 31, 0	
			RGB	224, 224, 185	
Catfish Creek			CMYK	29, 13, 17, 0	
			RGB	179, 200, 203	
Central Lake Ontario			CMYK	23, 4, 12, 0	
			RGB	194, 220, 220	
Credit Valley			CMYK	31, 8, 37, 0	
			RGB	180, 205, 172	
Crowe Valley			CMYK	30, 1, 33, 0	
			RGB	180, 217, 184	
Essex			CMYK	32, 6, 28, 0	
			RGB	175, 208, 190	
Ganaraska Region			CMYK	18, 10, 29, 0	
			RGB	209, 212, 185	
Grand River			CMYK	18, 4, 26, 0	
			RGB	209, 223, 196	
Grey Sauble			CMYK	21, 8, 9, 0	
			RGB	198, 214, 220	
Halton			CMYK	25, 6, 26, 0	
			RGB	191, 212, 193	
Hamilton			CMYK	16, 7, 29, 0	
			RGB	214, 218, 187	
Kawartha-Haliburton			CMYK	22, 5, 33, 0	
			RGB	204, 218, 181	
Kettle Creek			CMYK		
			RGB	176, 174, 203	
Lakehead			CMYK		
			RGB	182, 215, 203	
Lakes Simcoe & Couchiching/Black River			CMYK		
			RGB	185, 200, 217	
Long Point			CMYK		
			RGB	182, 180, 197	
Lower Thames Valley			CMYK		
			RGB	187, 206, 182	
Lower Trent			CMYK		
			RGB	198, 199, 180	
Maitland Valley			CMYK		
			RGB	205, 206, 226	

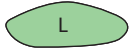


Source Protection Planning Areas

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
Mattagami			CMYK		
			RGB	184, 207, 218	
Mississippi Valley			CMYK		
			RGB	187, 199, 170	
Moir River			CMYK		
			RGB	190, 209, 206	
Napinee			CMYK		
			RGB	172, 183, 199	
Niagara Peninsula			CMYK		
			RGB	188, 226, 221	
Nickel District			CMYK		
			RGB	190, 218, 191	
North Bay-Mattawa			CMYK		
			RGB	196, 194, 214	
Northern Bruce Peninsula			CMYK		
			RGB	168, 197, 190	
Nottawasaga Valley			CMYK		
			RGB	178, 213, 214	
Otonabee-Peterborough			CMYK		
			RGB	190, 197, 223	
Prince Edward			CMYK		
			RGB	221, 226, 203	
Raisin Region			CMYK		
			RGB	181, 185, 209	
Rideau Valley			CMYK		
			RGB	200, 224, 205	
Saugeen Valley			CMYK		
			RGB	190, 189, 217	
Sault Ste. Marie			CMYK		
			RGB	196, 206, 187	
Severn Sound			CMYK		
			RGB	168, 190, 199	
South Nation			CMYK		
			RGB	199, 226, 220	
St. Clair Region			CMYK		
			RGB	186, 203, 190	
Toronto			CMYK		
			RGB	179, 191, 200	
Upper Thames River			CMYK		
			RGB	196, 226, 188	







Water Budgets - (Water Quantity)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
WB Subwatershed Areas				CMYK 0, 0, 0, 100	
				RGB 35, 31, 32	
WB Subwatershed Outlet				CMYK 0, 0, 0, 100	
				RGB 35, 31, 32	
Subwatershed Stress Level Significant				CMYK 40, 0, 0, 60	
				RGB 70, 112, 130	
Subwatershed Stress Level Moderate				CMYK 24, 0, 0, 38	
				RGB 28, 158, 175	
Subwatershed Stress Level Low				CMYK 10, 0, 0, 25	
				RGB 177, 192, 201	

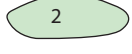

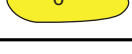


VULNERABILITY - Intrinsic Groundwater (I.V) (Ground Water Quality)

Data Set Description	Cartographic Representation		Colour Specifications	ID
Intrinsic Groundwater Vulnerability - Low		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>40, 0, 50, 0</div> <div>RGB</div> <div>157, 210, 156</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
Intrinsic Groundwater Vulnerability - Medium		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>0, 38, 75, 0</div> <div>RGB</div> <div>250, 172, 86</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
Intrinsic Groundwater Vulnerability - High		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>0, 100, 010, 0</div> <div>RGB</div> <div>237, 28, 184</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	





VULNERABILITY - Well Head Protection Areas (Ground Water Quality)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
WHPA-A			<div> <div>CMYK</div> <div>0, 50, 100, 20</div> <div>RGB</div> <div>204, 122, 33</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.1
WHPA-B			<div> <div>CMYK</div> <div>0, 38, 75, 0</div> <div>RGB</div> <div>250, 172, 86</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.2
WHPA-C			<div> <div>CMYK</div> <div>0, 25, 50, 0</div> <div>RGB</div> <div>253, 198, 137</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.3
WHPA-C1			<div> <div>CMYK</div> <div>0, 25, 50, 0</div> <div>RGB</div> <div>253, 198, 137</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.4
WHPA-D			<div> <div>CMYK</div> <div>0, 0, 50, 0</div> <div>RGB</div> <div>255, 247, 153</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.4
Significant Groundwater Recharge Area			<div> <div>CMYK</div> <div>2, 37, 15, 0</div> <div>RGB</div> <div>241, 176, 184</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	83






VULNERABILITY - Scoring for Inside and Outside WHPA's (Ground Water Quality)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
WHPA Vulnerability Scoring - 2 (low)		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>20, 0, 25, 0</div> <div>RGB</div> <div>205, 198, 63</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
WHPA Vulnerability Scoring - 4		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>50, 0, 100, 0</div> <div>RGB</div> <div>140, 198, 63</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
WHPA Vulnerability Scoring - 6		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>0, 0, 100, 0</div> <div>RGB</div> <div>255, 242, 0</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
WHPA Vulnerability Scoring - 8		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>0, 50, 100, 0</div> <div>RGB</div> <div>247, 147, 30</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
WHPA Vulnerability Scoring - 10 (high)		<i>if multiple fills are overlapping, remove the fill of this symbol and use alphanumeric representation".</i>	<div> <div>CMYK</div> <div>0, 100, 100, 0</div> <div>RGB</div> <div>247, 147, 30</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	

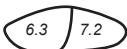
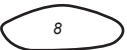
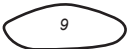
VULNERABILITY - Wellhead Protection Areas (Ground Water Quantity)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
WHPA - Q1			<div> <div>CMYK</div> <div>RGB</div> </div> <div> 13, 23, 0, 0 217, 198, 224 </div>	
WHPA - Q2			<div> <div>CMYK</div> <div>RGB</div> </div> <div> 25, 50, 0, 0 188, 140, 191 </div>	
Cone of Influence			<div> <div>CMYK</div> <div>RGB</div> </div> <div> 50, 0, 100, 0 140, 198, 63 </div>	
Contributing Area (Groundwater)			<div> <div>CMYK</div> <div>RGB</div> </div> <div> 50, 0, 100, 0 140, 198, 63 </div>	



VULNERABILITY - Intake Protection Zones (Surface Water Quality)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
IPZ-1			<div> <div>CMYK</div> <div>2, 37, 15, 0</div> <div>RGB</div> <div>241, 176, 184</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
IPZ-2 (Includes Transport Pathways)			<div> <div>CMYK</div> <div>4, 16, 48, 0</div> <div>RGB</div> <div>244, 211, 148</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
IPZ-3 (Includes Transport Pathways)			<div> <div>CMYK</div> <div>20, 0, 25, 0</div> <div>RGB</div> <div>205, 231, 202</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	
WHPA-E (GUDI)			<div> <div>CMYK</div> <div>4, 16, 48, 0</div> <div>RGB</div> <div>244, 211, 148</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.5
WHPA-F (GUDI)			<div> <div>CMYK</div> <div>20, 0, 25, 0</div> <div>RGB</div> <div>205, 231, 202</div> </div> <div> <div>CMYK</div> <div>0, 0, 0, 100</div> <div>RGB</div> <div>35, 31, 32</div> </div>	82.6



VULNERABILITY - Scoring (Surface Water Quality) -

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Vulnerability Score - Area for IPZ 3			<div> <div>CMYK</div> <div>0, 0, 0, 100</div> </div> <div> <div>RGB</div> <div>35, 31, 32</div> </div>	
Vulnerability Score - Area for IPZ 2			<div> <div>CMYK</div> <div>0, 0, 0, 100</div> </div> <div> <div>RGB</div> <div>35, 31, 32</div> </div>	
Vulnerability Score - Area for IPZ 1			<div> <div>CMYK</div> <div>0, 0, 0, 100</div> </div> <div> <div>RGB</div> <div>35, 31, 32</div> </div>	










VULNERABILITY - Intake Protection Zones (Surface Water Quantity)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
IPZ - Q			<div> <div>CMYK</div> <div>30, 18, 0, 0</div> </div> <div> <div>RGB</div> <div>175, 192, 227</div> </div>	
Impermeable Surface Outside Contribution Area			<div> <div>CMYK</div> <div>0, 0, 0, 100</div> </div> <div> <div>RGB</div> <div>35, 31, 32</div> </div>	






VULNERABILITY - Transport Pathways

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Transport pathway - Area			<div> <div>CMYK</div> <div>0, 0, 0, 100</div> </div> <div> <div>RGB</div> <div>35, 31, 32</div> </div>	
Transport pathway - Line			<div> <div>CMYK</div> <div>0, 0, 0, 100</div> </div> <div> <div>RGB</div> <div>35, 31, 32</div> </div>	
Transport pathway - Point		to be determined		



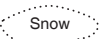










THREATS & CONTAMINANTS - Areas of Water Contamination - (Base Data)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Provincial Water Quality Monitoring Network (PWQMN)			CMYK 0, 0, 0, 100 RGB 0, 0, 0	151
CURB			CMYK 0, 0, 0, 100 RGB 0, 0, 0	154
Provincial Groundwater Monitoring Network			CMYK 0, 100, 100, 0 RGB 255, 0, 0	41
Non-Compliance Reports/Control Orders			CMYK 0, 0, 0, 100 RGB 0, 0, 0	157
Adverse Drinking Water Quality Incidents Reports			CMYK 0, 0, 0, 100 RGB 0, 0, 0	158
Drinking Water Surveillance Program (DWSP)			CMYK 0, 0, 0, 100 RGB 0, 0, 0	159
Annual Compliance Report/DWIS			CMYK 0, 0, 0, 100 RGB 0, 0, 0	81
Private Water Testing			CMYK 100, 0, 0, 0 RGB 0, 255, 255	160
CA Water Quality Monitoring			CMYK 25, 70, 100, 10 RGB 166, 51, 0	161

THREATS & CONTAMINANTS - Areas with Contaminated Groundwater and/or Land

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Control Orders/Field Orders		see Non-Compliance Reports above #157	CMYK 100, 0, 100, 0 RGB 0, 255, 0	157
Federal Contaminated Sites and Landfills Inventory			CMYK 100, 0, 100, 0 RGB 0, 255, 0	163
Record of Site Condition			CMYK 0, 30, 15, 0 RGB 250, 192, 191	165
Brownfields			CMYK 20, 35, 35, 0 RGB 204, 166, 166	178
Cemeteries			CMYK 0, 0, 0, 100 RGB 0, 0, 0	169





















THREATS & CONTAMINANTS - Potential Contaminant Sources (1 of 2) - (Base Data)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
Contaminants Windshield Survey (GWS)		Use appropriate marker symbols from POTENTIAL CONTAMINANT SOURCES in MOE_symbolology.style			170
Historical Land Uses			CMYK 10, 35, 0, 0 RGB 230, 166, 255		171
Infiltration Lagoons or Ponds			CMYK 74, 18, 4, 0 RGB 66, 209, 245		172
Snow Dumps			CMYK 0, 0, 0, 100 RGB 255, 0, 0		173
Stormwater Discharges			CMYK 74, 18, 4, 0 RGB 66, 209, 245		174
NPRI - Discharge			CMYK 0, 35, 100, 0 RGB 255, 166, 0		176
Certificate of Approval Database (CofA) (IDS) - air			CMYK 74, 18, 4, 0 RGB 66, 209, 245		129.1
Certificate of Approval Database (CofA) (IDS) - industrial wastewater			CMYK 10, 35, 0, 0 RGB 230, 166, 255		129.2
Certificate of Approval Database (CofA) (IDS) - Municipal/Provincial sewage			CMYK 0, 100, 100, 0 RGB 255, 0, 0		129.3
Certificate of Approval Database (CofA) (IDS) - Municipal/Provincial waterworks			CMYK 100, 0, 100, 0 RGB 0, 255, 0		129.4
Hazardous Waste Information Network (HWIN)			CMYK 0, 0, 0, 100 RGB 0, 0, 0		179
Municipal Coal Gasification Plant Site Inventory & Inventory of Coal Gasification Plant Waste Sites - producing			CMYK 0, 0, 0, 100 RGB 0, 0, 0		180.1
Municipal Coal Gasification Plant Site Inventory & Inventory of Coal Gasification Plant Waste Sites - non-producing			CMYK 0, 0, 0, 100 RGB 0, 0, 0		180.2
ORIS/Spills Database			CMYK 0, 0, 0, 100 RGB 0, 0, 0		182

THREATS & CONTAMINANTS - Potential Contaminant Sources (2 of 2) - (Base Data)

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Sample Results Data Store (SRDS) (M in symbol for MISA)			CMYK 35, 0, 10, 0 RGB 166, 255, 230	183
Waste Site Information System - (WSIS) - open			CMYK 0, 0, 0, 15 RGB 220, 221, 222	184.1
Waste Site Information System - (WSIS) - closed			CMYK 0, 0, 0, 100 RGB 0, 0, 0	184.2
Uncovered Sand / Salt Storage			CMYK 0, 0, 0, 100 RGB 0, 0, 0	185
Covered Salt Dome				
Abandoned Mine Site (AMIS)		See SWP SOILS & GEOLOGY ID# 16, 17		115
Petroleum Well		Derived from MOE Groundwater Studies and USGS Digital Cartographic Standard for Geologic Map Standardization; File Report 99-40	CMYK 0, 100, 100, 0 RGB 255, 0, 0	34
Non-Agricultural Source Material			CMYK 0, 0, 0, 30 RGB 178, 178, 178	190
Agricultural Source Material			CMYK 43, 52, 80, 38 RGB 108, 86, 53	190.1
Natural Areas of Contamination			CMYK 100, 0, 100, 0 RGB 0, 255, 0	191
Underground Storage Tanks			CMYK 0, 0, 0, 100 RGB 0, 0, 0	192
Municipal Landfill			CMYK 0, 25, 75, 0 RGB 255, 191, 64	186.1
Non-hazardous waste transfer/ processing site			CMYK 0, 25, 75, 0 RGB 255, 191, 64	186.2
Hazardous waste transfer/processing site			CMYK 0, 25, 75, 0 RGB 255, 191, 64	186.3
Unserviced Area			CMYK 164, 210, 138 RGB 38, 0, 60, 0	193

Misc. Symbols - Points



















Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
Max Groundwater Consumptive Demand (based on watershed) < 200			CMYK	0, 40, 50, 20	321.1
			RGB	205, 14, 106	
Max Groundwater Consumptive Demand (based on watershed) 200 - 400			CMYK	0, 40, 50, 20	321.2
			RGB	205, 14, 106	
Max Groundwater Consumptive Demand (based on watershed) 400 - 600			CMYK	0, 40, 50, 20	321.3
			RGB	205, 14, 106	
Max Groundwater Consumptive Demand (based on watershed) 600 - 800			CMYK	0, 40, 50, 20	321.4
			RGB	205, 14, 106	
Max Groundwater Consumptive Demand (based on watershed) > 800			CMYK	0, 40, 50, 20	321.5
			RGB	205, 14, 106	
Avg Groundwater Consumptive Demand (based on watershed) < 200			CMYK	0, 40, 50, 20	322.1
			RGB	205, 14, 106	
Avg Groundwater Consumptive Demand (based on watershed) 200 - 400			CMYK	0, 40, 50, 20	322.2
			RGB	205, 14, 106	
Avg Groundwater Consumptive Demand (based on watershed) 400 - 600			CMYK	0, 40, 50, 20	322.3
			RGB	205, 14, 106	
Avg Groundwater Consumptive Demand (based on watershed) 600 - 800			CMYK	0, 40, 50, 20	322.4
			RGB	205, 14, 106	
Avg Groundwater Consumptive Demand (based on watershed) > 800			CMYK	0, 40, 50, 20	322.5
			RGB	205, 14, 106	
Surface Water Consumptive Demand (based on watershed) < 200			CMYK	100, 0, 0, 50	323.1
			RGB	0, 104, 144	
Surface Water Consumptive Demand (based on watershed) 200 - 400			CMYK	100, 0, 0, 50	323.2
			RGB	0, 104, 144	
Surface Water Consumptive Demand (based on watershed) 400 - 600			CMYK	100, 0, 0, 50	323.3
			RGB	0, 104, 144	
Surface Water Consumptive Demand (based on watershed) 600 - 800			CMYK	100, 0, 0, 50	323.4
			RGB	0, 104, 144	
Surface Water Consumptive Demand (based on watershed) > 800			CMYK	100, 0, 0, 50	323.5
			RGB	0, 104, 144	
Avg Groundwater pumped (based on watershed) > 200			CMYK	100, 0, 0, 50	324.1
			RGB	0, 104, 144	
Avg Groundwater pumped (based on watershed) 200 - 400			CMYK	0, 40, 50, 20	324.2
			RGB	205, 14, 106	
Avg Groundwater pumped (based on watershed) 400 - 600			CMYK	0, 40, 50, 20	324.3
			RGB	205, 14, 106	
Avg Groundwater pumped (based on watershed) 600 - 800			CMYK	0, 40, 50, 20	324.4
			RGB	205, 14, 106	
Avg Groundwater pumped (based on watershed) > 800			CMYK	0, 40, 50, 20	324.5
			RGB	205, 14, 106	

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








Misc Symbols - POINTS

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Benthic Aggregate and Thermal Stability			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	316
Hilsenhoff Benthic Scoring 3.76 - 4.25 (Very Good)			<div>CMYK 100, 20, 0, 0</div> <div>RGB 0, 149, 217</div>	317a
Hilsenhoff Benthic Scoring 4.26 - 5.00 (Good)			<div>CMYK 53, 27, 22, 0</div> <div>RGB 126, 161, 180</div>	317b
Hilsenhoff Benthic Scoring 5.01 - 5.75 (Fair)			<div>CMYK 32, 35, 42, 0</div> <div>RGB 179, 160, 145</div>	317c
Hilsenhoff Benthic Scoring 5.76 - 6.50 (Fairly Poor)			<div>CMYK 19, 43, 60, 0</div> <div>RGB 208, 152, 113</div>	317d
Hilsenhoff Benthic Scoring 5.51 - 7.25 (Poor)			<div>CMYK 8, 51, 77, 0</div> <div>RGB 229, 143, 80</div>	317e
Hilsenhoff Benthic Scoring 7.26 - 10.00 (Very Poor)			<div>CMYK 0, 60, 100, 0</div> <div>RGB 245, 130, 31</div>	317f
Simpson Index Benthic Scoring 0.32 - 0.40			<div>CMYK 0, 0, 100, 0</div> <div>RGB 255, 242, 0</div>	318a
Simpson Index Benthic Scoring 0.41 - 0.50			<div>CMYK 10, 23, 64, 0</div> <div>RGB 230, 192, 115</div>	318b
Simpson Index Benthic Scoring 0.51 - 0.60			<div>CMYK 22, 43, 46, 0</div> <div>RGB 200, 151, 133</div>	318c
Simpson Index Benthic Scoring 0.61 - 0.70			<div>CMYK 36, 61, 30, 0</div> <div>RGB 171, 117, 142</div>	318d
Simpson Index Benthic Scoring 0.71 - 0.80			<div>CMYK 56, 78, 15, 0</div> <div>RGB 133, 85, 145</div>	318e
Simpson Index Benthic Scoring 0.81 - 0.90			<div>CMYK 100, 100, 0, 0</div> <div>RGB 46, 49, 146</div>	318f















Misc. Symbols - POINTS

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Stormwater Facility Locations			<div>CMYK 0, 0, 0, 75</div> <div>RGB 99, 100, 102</div>	313
Groundwater Takings (Litres/day) <1000		circle outline 1.5 pt cross hair 1pt	<div>CMYK 0, 0, 0, 0</div> <div>RGB 255, 255, 255</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	300.1
Groundwater Takings (Litres/day) 1000 - 10 000		circle outline 1.5 pt cross hair 1pt	<div>CMYK 25, 0, 0, 0</div> <div>RGB 185, 229, 251</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	300.2
Groundwater Takings (Litres/day) 10 000 - 50 000		circle outline 1.5 pt cross hair 1pt	<div>CMYK 50, 0, 0, 0</div> <div>RGB 185, 229, 251</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	300.3
Groundwater Takings (Litres/day) 50 000 - 100 000		circle outline 1.5 pt cross hair 1pt	<div>CMYK 100, 0, 0, 0</div> <div>RGB 0, 174, 239</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	300.4
Groundwater Takings (Litres/day) > 100 000		circle outline 1.5 pt cross hair 1pt	<div>CMYK 100, 40, 0, 0</div> <div>RGB 0, 125, 197</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	300.5
Well			<div>CMYK 83, 7, 96, 1</div> <div>RGB 0, 165, 81</div>	
Groundwater Taking Outside Watershed Divide		circle outline 1 pt cross hair 1pt	<div>CMYK 96, 66, 12, 2</div> <div>RGB 0, 94, 156</div>	
Well Type I			<div>CMYK 83, 7, 96, 1</div> <div>RGB 0, 165, 81</div>	
Well Type II			<div>CMYK 83, 7, 96, 1</div> <div>RGB 0, 165, 81</div>	
Well Type III			<div>CMYK 83, 7, 96, 1</div> <div>RGB 0, 165, 81</div>	
Intake - Type A (Great Lakes)			<div>CMYK 2, 4, 92, 0</div> <div>RGB 255, 230, 44</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	
Intake - Type B (Connecting Channels)			<div>CMYK 2, 4, 92, 0</div> <div>RGB 255, 230, 44</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	
Intake - Type C (Rivers)			<div>CMYK 2, 4, 92, 0</div> <div>RGB 255, 230, 44</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	
Intake - Type D (Lakes and Dammed Rivers)			<div>CMYK 2, 4, 92, 0</div> <div>RGB 255, 230, 44</div> <div>CMYK 70, 68, 64, 74</div> <div>RGB 35, 31, 32</div>	
Drinking Water System - a Large Municipal Residential System			<div>CMYK 0, 0, 0, 50</div> <div>RGB 145, 147, 150</div>	
Drinking Water System - b Small Municipal Residential System			<div>CMYK 0, 0, 0, 50</div> <div>RGB 145, 147, 150</div>	
Drinking Water System - c Large Municipal Non-residential System			<div>CMYK 0, 0, 0, 50</div> <div>RGB 145, 147, 150</div>	

Misc. Symbols - POINTS



Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
Drinking Water System - d Small Municipal Non-Residential System	 d		 CMYK0, 0, 0, 50 RGB145, 147, 150		
Drinking Water System - e Non-Municipal year-round residential system	 e		 CMYK0, 0, 0, 50 RGB145, 147, 150		
Drinking Water System - f Non-Municipal seasonal residential system	 f		 CMYK0, 0, 0, 50 RGB145, 147, 150		
Drinking Water System - g Large non-municipal non-residential system	 g		 CMYK0, 0, 0, 50 RGB145, 147, 150		
Drinking Water System - h Small non-municipal non-residential system	 h		 CMYK0, 0, 0, 50 RGB145, 147, 150		
Private Water Well			 CMYK0, 100, 100, 0 RGB255, 0, 0		
					
					
					
					
					
					
					
					
					
					
					
					
					

Misc. Symbols - POINTS






















Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
Electric Power Generation			<div>CMYK 0, 0, 0, 100</div> <div>RGB 0, 0, 0</div>	
Non Permitted Agriculture Water Taking			<div>CMYK 100, 0, 100, 0</div> <div>RGB 237, 28, 36</div>	301
Volume Permitted <1000 m3/1000			<div>CMYK 28, 68, 0, 0</div> <div>RGB 183, 109, 173</div>	302.1
Volume Permitted 1000 - 10 000 m3/1000			<div>CMYK 28, 68, 0, 0</div> <div>RGB 183, 109, 173</div>	302.2
Volume Permitted 10 000 - 50 000 m3/1000			<div>CMYK 28, 68, 0, 0</div> <div>RGB 183, 109, 173</div>	302.3
Volume Permitted 50 000 - 100 000 m3/1000			<div>CMYK 28, 68, 0, 0</div> <div>RGB 183, 109, 173</div>	302.4
Volume Permitted + 100 000 m3/1000			<div>CMYK 28, 68, 0, 0</div> <div>RGB 183, 109, 173</div>	302.5
Active Groundwater PTTW			<div>CMYK 73, 3, 59, 0</div> <div>RGB 53, 179, 140</div>	303
Active Surface Water PTTW			<div>CMYK 25, 0, 100, 0</div> <div>RGB 202, 219, 42</div>	304
Annual Withdrawals (Groundwater)			<div>CMYK 0, 40, 50, 20</div> <div>RGB 205, 140, 106</div>	305
Annual Withdrawals (Surfacewater)			<div>CMYK 100, 0, 0, 50</div> <div>RGB 0, 104, 144</div>	306
Concentration Ranges Metals		Example only - CAs to put in their own values		307
Concentration Ranges Water Quality Variables		Example only - CAs to put in their own values		308
Lake Monitoring Station			<div>CMYK 68, 79, 0, 0</div> <div>RGB 108, 82, 162</div>	309
General Active Monitoring			<div>CMYK 63, 0, 100, 0</div> <div>RGB 104, 189, 69</div>	310
General Historic Monitoring Station			<div>CMYK 0, 100, 100, 0</div> <div>RGB 237, 28, 36</div>	311

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Misc. Symbols - Polygons

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications		ID
Groundwater Supply Area			CMYK	100, 56, 0, 0	
			RGB	0, 112, 255	
Surface Water Supply Area			CMYK	56, 34, 100, 0	
			RGB	112, 168, 0	

New Symbols - PRESCRIBED DRINKING WATER THREATS

Data Set Description	Cartographic Representation	Cartographic Specifications	Colour Specifications	ID
The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> .			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326a
The establishment, operation or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326b
The application of agricultural source material to land.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326c
The storage of agricultural source material.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326d
The management of agricultural source material.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326e
The application of non-agricultural source material to land.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326f
The handling and storage of agricultural source material.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326g
The application of commercial fertilizer to land.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326h
The handling and storage of commercial fertilizer.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326i
The application of pesticide to land.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326j
The handling and storage of pesticide.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326k
The application of road salt.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326l
The handling and storage of road salt.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326m
The storage of snow.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326n
The handling and storage of fuel.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326o
The handling and storage of a dense non-aqueous phase liquid.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326p
The handling and storage of an organic solvent.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326q
The maintenance of runoff that contains chemicals used in the de-icing of aircraft.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326r
An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326s
An activity that reduces the recharge of an aquifer.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326t
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.			<div>CMYK 0, 0, 0, 30</div> <div>RGB 188, 190, 192</div>	326u

New Symbols

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